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Examiner Xuan LANT NGUYEN  
Application No: 09/723,615  
Jack Cheng et al

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3

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**MESSAGE:**

*Enclosure: Amendment And Response to  
OFFICIAL ACTION Dated January 28, 2003*

PATENT  
Atty. Docket No.: GRQ-00100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jack Cheng et al.

Serial No.: 09/723,615

Filed: November 27, 2000

For: **SMART SONIC BEARINGS AND  
METHOD FOR FRICTIONAL  
FORCE REDUCTION AND  
SWITCHING**

Group Art Unit: 3683

Examiner: Nguyen, Xuan Lan T

**AMENDMENT AND RESPONSE TO  
OFFICIAL ACTION DATED January  
28, 2003**

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**OFFICIAL**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

AMENDMENTS

**FAX RECEIVED**

APR 11 2003

**GROUP 3600**

Clean Version Incorporating Changes Made

*Please withdraw claim 144 without prejudice*

*Please amend the claims as follows:*

1. (Amended) A method of controlling an effective coefficient of friction between a first surface of a first element and a second surface of a second element, the method comprising the steps of:
  - a. configuring the first and second surfaces to be in slidable contact with one another along an interface between the first surface and the second surface and under a force sufficient to maintain contact and having a static friction therebetween; and
  - b. inducing a repetitive motion in the first surface parallel to the interface thereby altering the effective coefficient of friction between the first and second surfaces, wherein the force is substantially unaltered by the repetitive motion.

(Amended) The method of controlling according to claim 1 wherein the repetitive motion is symmetrical.

Not recommended  
for entry  
XUN  
4/22/03

Entry  
Not  
Approved  
4/23/03

#10/c  
2  
NE  
4/11/03